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# the Chart

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Special photos/special - The Chart



Gerald Sprong (left), chairman of the Coordinating Board for Higher Education, and Shaila Aery, Commissioner of Higher Education, listen intently during Friday's meeting.

## CBHE acts on budget requests

Appropriation recommendations, program review, and the fifth report of Master Plan III were among items discussed at Friday's Coordinating Board for Higher Education meeting in St. Louis.

The board approved the appropriation recommendations for four year colleges and universities for fiscal year 1985.

Missouri Southern's general revenue summary for fiscal year 1985 is \$45,646. This reflects a 13.41 per cent change in general revenues, more than at any other institution.

"We are very proud of that," said Julio Leon, president.

Components for the recommendations include instruction, research and public service, libraries, student aid, moral support, physical plant, utilities, equipment replacement, telecommunications, and staff benefit increases.

In the breakdown of the components, recommendations for Southern include \$4,690 in instruction; \$56,047 in research and public service; \$648,958 in libraries; \$198,804 for the physical plant; \$457,460 for utilities; \$373,506 for equipment replacement; \$101,200 for telecommunications; and \$149,212 for staff benefit increases.

These recommendations are somewhat higher than the planned ex-

penditures in light of the fact that institutions are not usually appropriated the full amount of the recommendations.

According to Leon, the telecommunications component is a minor leading one.

"Basically, that means telephones," he said. "The phone rates are going to go up substantially because of the break up of A.T.& T. Telephones are now treated as separate components like gas, etc. We do plan this year that our cost in telephones will be \$88,000."

Southern has also been recommended \$213,280 for the Learning Program for Developmental Students. According to Leon, a program was developed to use these funds in dealing with students needing help in the basic skills areas such as mathematics and English.

"The problem is we do have an open door policy, and anyone out of high school can come to our school," Leon said. "Some may be bright, but they may not be ready for college. Many who are unprepared end up dropping out. Thus, the open door policy becomes a revolving door."

Leon said the program deals with skill improvements in mathematics and composition that will enable students to remain in college as achieving students.

A presentation on statewide educational trends was given by Dr. Michael McMannis. The report was the fifth under the board's Master Plan III.

In the report, McMannis revealed statistics showing enrollment in all institutions has dropped from 1972 to 1982. He also said there was a 22 per cent drop at regional institutions; that the total number of programs at all levels increased 32 per cent while state appropriations decreased five per cent in real terms, and that 47.5 per cent of all degree programs were producing fewer than five graduates per year.

"We must keep in mind that these are statewide trends," Leon said. Information stating the breakdown of each institution across the state will be released at a later date.

The board also heard an update on the program review schedule for existing programs.

Other business at the meeting included an emergency appropriation request for Missouri Student Grant Program software, appropriations recommendations for state aid for community junior colleges, and a committee on academic affairs preliminary report on the follow up review of the University of Missouri-St. Louis bachelor of science in nursing completion program.

## Joplin schools not 'at risk,' educators say

Marty Oetting

America may be educationally at risk, but the Joplin community is not. Many recommendations in the "Nation At Risk" report published by the National Commission on Excellence in Education.

The report was submitted to the Secretary of Education and the public last spring. The result of 18 months of study, the report indicated problems with education today and suggested recommendations to remedy these problems.

The public in general reacted with surprise to the report's findings. Statistics showed the quality of education in America has been declining for the past 20 years.

James F. Shoemaker, superintendent of schools for the Joplin R-VIII school district, said many of the recommendations were already being dealt with in the Joplin community.

As we (the school board) began to read the report, it was obvious that many things recommended were already being done," he said.

Joplin School District officials reacted in various ways to the report. The findings were not at all unexpected," said Dr. Vernon Hudson, principal of Memorial High School. "It was a tedious study. It

was very well done as far as writing and investigation."

Dr. Paul Welch, principal of Parkwood High School, was surprised at the results of the study. "I was shocked," he said. "I thought the schools were doing better than that."

When the report was made public last spring, reaction with many people was one of surprise at the statistics. However, school officials have been reading these statistics for a long time.

"We've been reading these statistics for quite awhile," Hudson said. "We knew the academic areas were going down. Nothing in the report really surprised me."

"It's hard to relate national statistics to southwest Missouri," said Shoemaker. "I felt many of the findings did not apply to Joplin."

One section of the report said school curricula have become somewhat diluted in recent years. The report said many students are staying away from the harder courses in order to improve grade point averages.

"We have had this feeling for several years," Shoemaker said. "Students in the secondary schools have been shying away from these harder courses."

Hudson agreed with Shoemaker, and said he saw the problem coming on several years ago.

"We saw it happening four years ago," Hudson said. "I was on a gradua-

tion requirements committee, and we added another math requirement. We could see the problem coming back then."

The report recommends more strict curricula for high schools across the country. According to Shoemaker, the Joplin school district has already redesigned the curricula, and has implemented new requirements for graduation from high school.

"We were out in front of that," he said. "We updated the curricula last year. Students who are juniors now will be affected. We are seeing more emphasis on basic courses."

The new graduation requirements state students must have two years of science, four years of English, two years of mathematics, and other upper level courses for college-bound students.

These requirements are similar to the recommended courses in the report, which state students should have four years of English, three years of mathematics, three years of science, and foreign language.

In the report, the education systems in America were said to be "mediocre." School officials feel Joplin is above the average for educational systems in America.

"The evidence we have showed that Joplin schools are well above mediocrity," said Shoemaker. "But we still have

## Schedules due next week:

# Pre-enrollment 'computerized'

Students will find that changes have been made in pre-enrollment registration moves one step forward.

Students will pick up their materials and a permit to enroll in the registrar's office as usual. After their advisor has signed the permit, however, students will take the permit to the nearest computer.

"There will be no verification day," said George Volmert, registrar. "Each class will be entered into the computer at the time of pre-registration and the student must wait for a printout of his schedule."

"When the student is finished with pre-enrollment, the student knows he has his classes," said Volmert.

Schedule changes will be made on the day fees are paid.

If classes are closed, the student should get a closed class permit, go to the department head of the class the student wants, get it signed, and have it recorded in the computer that is closest to him.

"The student doesn't have to come back to the building of his adviser's office," said Volmert. "This will save time."

Pre-enrollment begins Monday, Nov. 14. The registrar's office will try to

have schedules out the week of Nov. 7.

"Using the computer is 1,000 per cent more accurate than the old ways. Last semester students did not know if they would get their classes or not. This way by using the computer, all schedules will be verified," said Volmert.

"This will also speed things up somewhat if there is no trouble entering things in the computer. It will be a little slow in waiting for computers to be open because other classes use them."

Students should make appointments ahead of time with their advisors and plan out their program for the semester. Students are responsible for their schedules after their advisors sign their programs.

"It is no problem for the student to take time and check overlapping times for classes and line numbers. This gives more accurate service to the student," Volmert said.

Monday and Tuesday, Nov. 14 and 15, is pre-registration for students with 90 credit hours and over; Thursday and Friday, Nov. 17 and 18, for 60-89 hours; Monday and Tuesday, Nov. 21 and 22, for 30-59 hours; and Monday and Tuesday, Nov. 28 and 29, for students with 0-29 hours.

## Kansas colleges cut programs after review

Kansas universities will soon be losing more than a dozen degree programs due to state cuts. Stanley Z. Koplik, executive director of the Kansas Board of Regents, said the cuts are not affiliated with rising tuitions.

"Either the degree programs had poor enrollment or we felt they were of poor quality," said Koplik, in a telephone interview.

Koplik, who is the former Commissioner of Higher Education in Missouri, says he has not been keeping in close touch with Missouri's programs.

"I would strongly endorse reviews in Missouri," said Koplik.

According to Koplik, degree cutting of certain types is the best beginning for "developing stronger programs."

The Kansas Board of Regents governs the six state universities and the Kansas Technical Institute in Salina.

Dr. Richard Welty, interim vice president for academic affairs at Pittsburg State University, said the reason

for the cuts is because of the "low enrollment in these associate degrees."

"Tuition increase has nothing to do with this," Welty said.

According to Welty, the state will be reviewing all degree programs in Kansas universities in a five-year program. "This is the first year of the phase," he said.

Welty feels that the recommendations at PSU were quite justified with little exception.

The step does not always cut programs but combines related ones as well. An example of this is mechanical and manufacturing degrees. "It is being asked that these two degrees are combined into one," said Welty.

These recommendations are the first perceptible results in a study of university programs that began last November.

"These programs will be phased out," said Welty. "Students in a program will be graduated."

"Very few courses will be dropped and will not effect the faculty."

a lot of work to do."

"At Memorial, we have established a strong academic atmosphere," said Hudson. "We are proud of that atmosphere. Our faculty has been very academic-oriented. Every student is given a good exposure to the type of education they should get."

"There was a time 10 to 12 years ago when what they said in the report could have been true here," said Welch. "But the schools are turning around. I'm proud of the education program here."

In the report, five specific recommendations were stated. The first dealt with updating school curricula, and promoting more difficult courses. This section of the report is attempting to get students back to the basics.

According to the school officials here, the Joplin schools did not have a diluted curriculum several years ago, but they are seeing improvements now.

"We saw an effort by educators to give a cafeteria-style curriculum to students in high school," Hudson said. "We were concerned with making things relevant. We went way overboard with electives, and we diluted some of the material. However, we have seen a very definite return to a conservative type of education in the last five to six years."

"Ten to 12 years ago, I observed these things," Welch said. "We stop-

ped many cafeteria-style classes several years ago."

Hudson also said there has been an attempt to get the counselors more involved with directing college-bound students. Harry Glades, a counselor at Memorial, has seen many indicators of the problems listed in the report.

"There has been some of this activity," Glades said of the findings in the report. "Students have attempted to raise grade point averages by taking the less-demanding classes. It concerns me because I feel the students are cheating themselves."

Another counselor agreed with these views, saying there has been a decline in study habits and attitudes towards school, and that there exists apathy among students.

The second recommendation in the report said schools should adopt more rigorous and measurable standards, and higher expectations for academic performance and student conduct.

"We don't feel this has been a large problem," said Shoemaker. "We have redesigned the program in classes such as chemistry, physics, and math give students a grade point advantage. It seems to be accepted well."

"The community feels students are

Please turn to  
REPORT, page 2

## Parents visit campus

Students' parents, many having travelled far, visited Missouri Southern Saturday during Family Day to give a chance for parents to become acquainted with the Southern campus.

After a welcome breakfast, hosted by President and Mrs. Julio Leon, tours of the campus' various facilities were conducted from 10-11:30 a.m.

Special features included a performance by the Collegiates, the college vocal group, in Phinney Recital Hall.

Jim and Anna Bottoroff, whose daughter is a criminal justice major, drove from St. Louis for the occasion. They visited Young Gymnasium, The Chart office, the Police Academy and Billingsley Student Union. While they enjoyed the buffet, served from noon to 1 p.m. in Connor Ballroom, they said they were having a fine time and liked Southern very much.

Leon spoke at the luncheon, saying, "We do this kind of thing because we feel this is a 'personable' place and that 'Southern is special'."

Afterwards he commented that attendance was very good, and said it was "great to have this many parents on campus."

After the luncheon, many of the families attended the last home game of the season, and watched the Southern Lions defeat the Fort Hays State Tigers.



Grisham photo

One of the requirements for a degree in dental hygiene is working in the dental clinic to gain practical experience. Second-year student Julie Butler performs a dental examination on Debbie Watson, a fellow dental hygiene student.

## Dental Clinic operates to service community

By Lynn Iliff

Serving the community is one of the objectives in the Dental Clinic at Missouri Southern.

The Dental Clinic is set up as a learning facility for the students in the dental hygiene program. The two year program entails 75 hours, consisting of dental and general education classes, with an emphasis in the science department.

Every Tuesday and Thursday the students work with Dr. J.M. Skahan, a local dentist, in the clinic. The role of the student is to complete the necessary dental hygiene functions. Two appointments are scheduled for the patient. In the first appointment, complete x-rays are taken and a second appointment is scheduled.

Deposits are removed, teeth are polished, and a fluoride treatment is given in the second appointment. Proper dental care procedures are discussed, and if necessary there is diet counseling.

In the clinic, Skahan's functions are to evaluate the patient's medical history and to check the dental charts done by the student. He also makes referrals to a "family dentist," if he finds that it is necessary.

Three faculty dental hygienists are

on hand to evaluate the techniques the students to check that proper dental procedures were followed.

In the clinic, there are three available in the radiology area and in the area for general dental care.

On the subject of facilities available, Mary Ensminger, director of the programs, said, "There is no shortage of materials, tools, or facilities. The major problem is that we need patients with gum disease. Special patients, such as these, are our least patients, since there is more amount of work needed to be done."

Another problem of the clinic is enough students are aware of the clinic.

"Approximately 30 per cent of patient load is students. It's a real problem. We can not advertise either. We rely on word of mouth for people to hear about it," said Ensminger.

The clinic, which opened in 1977, is located in the Technology Building. Appointments may be made by contacting Lou Henson, secretary for the dental programs, in Room 101 or call 624-8100, ext. 279.

There is a fee of \$5 for students and \$10 for non-students for these preventive dental services.

## Report

Continued from page 1

shying away from these courses," said Welch. "With this program, students are more selective towards taking the harder courses."

Hudson recently ran a survey at Memorial on homework required for different courses. "The findings are surprising," he said. "Most reflect that each course is unique. Some require a great deal of homework, and others require very little."

The third recommendation stated schools should devote more time to learning. It suggested longer school days, longer school years, and less interruptions during the school year.

"We are just in the process of studying this," Shoemaker said. "We are already going longer than the report recommends. We are still trying to decide if we need more days."

At Parkwood and Memorial, the administrations have made recent efforts to cut down on the number of interruptions during the school day.

"We have in the last two years made a concerted effort to reduce the number of interruptions," Hudson said. "We no longer see people out all day working on the junior/senior prom or cheerleaders out making signs."

"We worked on the intrusions problem four or five years ago," Welch said. "The main problem we had was spring sports. We've tried to set the times back so they don't start until after school. We've taken steps to alleviate these interruptions."

The fourth recommendation said the quality of teachers should be improved, and that better salaries should be offered to attract the best teacher candidates. Officials here all agree the quality of teachers in the Joplin School District is high.

"We really feel we are attracting high quality teachers. We are because of our screening process," Shoemaker said. "We are also reducing the number of lower-ranking teachers."

The starting salary for teachers in the Joplin School District is \$15,002. "I wish it could be higher," Shoemaker said. "That salary is very competitive in this state. We are getting higher quality teachers every year."

Welch feels the area colleges have improved the quality of graduates coming into the education field.

"Joplin has long attracted good teachers," he said. "I think the area colleges are doing a better job. We have seen greater effort on the part of the supervisors, also. MSSC and Pittsburg are doing a better job. I feel better about new teachers than I have in years."

The last recommendation said the public should support the superintendents and principals as well as school boards in enacting these ideas. Joplin officials feel the community is supportive of their efforts.

"The public is very supportive of the administrations," Shoemaker said.

"They are willing to change."

"I'm hired to make sure the young people at Memorial are getting the type of education parents want them to have," said Hudson. "I'm in the building every day. I face this obligation every time I walk through the doors. Here, we adjust to the problems, we don't ignore them."

Welch commended the school board, saying they were "good to work with. I really feel they do a tremendous job."

The administrators responded in different ways when asked how they felt the public would react to the fulfillment of these recommendations.

"Things done so far have been well received by the public," Shoemaker said.

"The public at large would be very dismayed," Hudson said. "Most of the public represents students who are not in the high echelon. Many parents may feel the education system is elitist and not facing the basic problem of

educating the masses. Education divorced itself from the concept of freedom to learn."

"How they would react would depend on the cost," Welch said. "If the Joplin patrons would support it, they are interested in the quality of education, but I think they will be cautious about it."

The administrators also feel students will react in various ways to these recommendations.

"So far, the response has been good," Shoemaker said. "We are seeing an attitude change in students."

"I think if a student is shown the program is developed to help them prepare for a job, they will always be receptive," Welch said. "They must get better prepared."

"Most students will feel unhappy," Hudson said. "As long as we are educating everyone, people at the top of the heap must be pushed themselves."

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# Springfield stations plan expansion in area

By Bob Vice

Two public broadcasting stations from Springfield are planning a joint venture to expand public broadcasting services to the Joplin area.

KSMU, Southwest Missouri State University's radio station, is a member of the National Public Radio system, and will provide public radio to the area.

KOZK, Channel 21 in Springfield, is a PBS affiliate and will broadcast public television in the area.

"What we are attempting to do is supply a public broadcasting service to the approximately 100,000 homes in the Jasper-Newton county area that can't receive such a broadcast," said Art Luebke, KOZK general manager.

Only cable television subscribers can currently receive public broadcasting

services in the area.

"Ninety-two per cent of American households can receive PBS without having to subscribe to a cable company. We want to provide the Joplin area with that service," Luebke said.

KSMU general manager Arlen Diamond says his station feels the Joplin area needs a quality radio program service.

"We feel that NPR is the best commercial-free radio programming available," Diamond said.

"Our national news programs—the 'Morning Edition' and 'All Thing Considered' in the afternoons—have won more awards than all the rest of the commercial networks combined.

"What we want to do is to bring this quality service to the Joplin area listeners," Diamond said.

In August, the two stations received

a planning grant from the Department of Commerce.

"The grant covers just the basic costs of planning—trips to and from Joplin, attorney fees, and the cost for a consulting engineer to draw the initial plans," Diamond said.

According to Luebke, a translator would be built in Joplin, the function of which would be to receive the signal broadcast from Springfield, re-amplify the signal, and then re-broadcast the signal on a different frequency.

KOZK broadcasts on Channel 21 in Springfield, but would have to broadcast on Channel 22 in the Joplin area because of interference and local cable programming on closer channels, said Luebke.

Diamond feels the translator project would be economical because "the translator operates with much lower

power than a normal transmitter."

KSMU transmits with 5,800 watts of power, and the FM translator would operate with just 10 watts, according to Diamond.

The two stations are currently in the process of finding a location in the Joplin area for the translator.

Neither station has filed a permit request with the FCC for permission to build the translator, according to Diamond. Deadline to submit the request is Jan. 16.

A mid-January deadline is also set for the stations to apply for federal funding. According to Diamond, the federal funds are necessary for the project.

"The FCC won't issue the permit unless we receive the federal grant," Diamond said.

If the funding is approved, it will still be more than a year before the project is completed.

"We won't find out if we receive the grant until next summer," Diamond said, "and the FCC will wait and make its decision then."

"If the grant comes through and the FCC approves our request, we hope to be servicing the area by Christmas next year."

According to Richard Massa, head of Missouri Southern's department of communications, the Springfield plans will have "no bearing" on any plans Southern may have.

"We welcome the news of expanded service to the Joplin area," he said, "but we have plans of our own which will greatly enrich broadcasting in Jasper County."

## Secretary of the Week

### Henson: 'I don't know how she handles everything'

By Jean Campbell

To make an appointment at the Missouri Southern Dental Clinic, just pick up the telephone and dial 624-8100, ext. 279. The call will be answered "Dental Program, Mrs. Henson speaking."

Lou Henson accepted her position as secretary/receptionist for the dental program over seven years ago. She works with the program students and their patients to schedule appointments in addition to serving the faculty.

Pat Noifalisse, dental program instructor, said, "I have worked with Lou for eight years. She takes a personal interest."

"Lou is sweet and kind," said Julie Lyons, a new dental instructor. "She would never do anything unkind. She is so concerned."

Nancy Karst, another instructor, said, "There is only one side to tell about Lou. I don't know how she handles everything. She takes it all in stride and never gets rattled. If there is a mistake she just says that it gets done and she is not concerned about whose mistake it is. It is phenomenal the way she keeps track of everyone."

Hava Wall, a dental program student, said, "Mrs. Henson is very considerate, hard-working and efficient. She seems to have about 5,000 things going all the time and gets them all accomplished. She is in a position to deal

with administrators, students, and patients. There are so many personalities, and she does it so well."

Prior to moving to LaRussell, Mo., in August of 1975, the Hensons had spent six years in Germany, completing her husband's 20-year military career. It was while they were in Germany that she began her secretarial career.

"I attended 13 different schools as a child," she said. "My father moved often for employment. Home has always been wherever I was—wherever we hung our hat, you might say."

During high school, she lived in a boxcar and worked on a 4,800-acre grape ranch. Henson described her part-time job at the ranch canteen as "digging potatoes, peeling potatoes, shaping hamburger patties, and cashing, in addition to pearl diving," which is her term for dishwashing.

After finishing high school, she married Leslie Henson, known simply as "Bud."

"I had always wanted to travel," she said. "But I thought I gave that up when I married Bud. At the time he did not plan to make the military a career."

Bud's 20-year stint in the Army resulted in the family living and traveling in 11 different countries and 10 different states.

The Henson family consists of three daughters and a son. The oldest daughter, Janice, is married and has

two children. She also served as a WAC. Brenda graduated with an associate degree in computer science from Southern and now lives and works in Kansas City as a computer programmer. Linda is married and has a daughter, Ken, a son who was born in Japan, is a junior at Southern and is active in the ROTC program.

As a member of the First Baptist Church at Sarcosie, Henson fills many roles.

"I like teaching my Sunday school class of 7th and 8th graders. I enjoy that age group. I love music and I enjoy singing in the Church choir."

During special seasons and choir programs, Henson is often called on to write and recite an original poem.

"Her presentations are so effective," said Dana Cline, church music director. Henson credits her interest and ability in poetry to her father.

"He has always quoted poetry as long as I can remember," she said. "He even thinks in verse, but I don't think in verse." She typed the manuscript of her father's poems so that they could be published last year.

She enjoys exercising at the health salon, going to auction sales, quilting with her mother-in-law, playing table games with her family and neighbors, and reading, when she isn't working, going to church, or boating and fishing at Stockton Lake with Bud.



## 'Interest level is high' for communications club

A communications club has been formed at Missouri Southern, and club president Marty Kassab is excited about the response from students on campus.

"There is a large group of outgoing students who seem really excited about the field of communications," said Kassab, a senior communications major. "The interest level is high."

According to Kassab, the club's main objective is to "further our knowledge and awareness of communications." The club will also assist

the college in various capacities.

Becky Kinnard, former operations manager at KSNF-TV in Joplin, spoke to the club last week about the television industry.

Michael Stair, city editor of *The Joplin Globe*, will speak to the club at 3 p.m. next Thursday, Nov. 10, in the Billingsly Student Center. A general meeting is also planned for 3 p.m. this afternoon.

Club meetings are usually held at 3 p.m. every Thursday in Room 214 of

Hearnes Hall. Students do not have to be communications majors to attend meetings or join the club.

"You just have to be interested in communications," said Kassab.

Other officers include Ava Majala, vice president; Michelle Patrick, secretary; Barb Fullerton, treasurer; and Marty Oetting, general manager.

"The club offers many opportunities," said Patrick. "It provides insight to different job openings in the field."

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# OPINION

## Press has right to get story

President Ronald Reagan has invaded upon the rights of a free press by excluding reporters from the island of Grenada.

One could agree that the element of surprise was needed in order to complete this military operation successfully, but the question must be asked, why was the press not allowed to cover the story days after the initial attack?

Pushing the blame off on the fact that the journalists would have been in danger is not acceptable. They may have been subject to danger, but the government does not need to take the responsibility for journalists' safety. In years past, reporters and photographers were allowed to mingle with troops and report the story from the frontline—in both Vietnam and Korea.

Reporters take on the responsibility of being in danger when they become journalists. In fact, many reporters are in danger fulfilling their daily functions—getting the story at the scene of a fire, reporting from the site of a nuclear disaster, or in the of an angry rioting mob.

The sad fact is that sometimes journalists are put into a more dangerous situation in order to "get the story" and get it firsthand. And thus some die reporting their stories. A recent incident occurred in Honduras where two reporters were killed when their jeep drove over a land mine buried in the road by Nicaraguans. These reporters were doing a job that they knew placed them in some danger. Granted, no one takes a job (not even a reporter) knowing that they will be killed, but if a journalist weighs the risks, and decides to take these risks, he is solely responsible for the dangers involved.

Therefore Reagan's concern for the safety of reporters is unprecedented and uncalled for.

Many people ask if it makes a difference getting the story one day as compared to the next and whether it makes a difference if the story is firsthand or secondhand. As far as getting a story one day sooner or one day before another medium, it seems to stand second in relation to the importance of being there.

This aspect of reporting can't be overemphasized, and is the foundation of a free press, for if their were no need to report firsthand there would be no need for journalists. And people would live in a controlled society.

How do people know that they are getting the facts and not just being told what the government or other group wants them to hear? The press. The press has a right as stated by the founders of this nation to be unsuppressed by the government and in this case suppression did occur.

The press was not allowed to report the invasion of Grenada, not just the first moments, but even days later they were kept out. And when they were allowed in it was only under military escort with little freedom to move about and explore the situation.

What actually happened on that small island in the Caribbean we might never know. But, from now on, there will always be the question of why. Why in this one case the press was excluded from a moment in history which now the people must rely on government reports to record.



### Editor's Column:

## Students should strive for whole education

By Marty Oetting  
Managing Editor

It has been my observance this semester that students at Missouri Southern in general seem to have a lack of motivation. There are always periods of burn-out each semester, but this fall I see it happening more frequently than usual.

To many students, college is anything but a learning experience. They pay tuition, buy books, go to class sometimes, and in general simply make an appearance at the campus, but little else. This is a disturbing fact.

College is supposed to be a place where students receive a "total" education. Not only should they study and make an honest attempt to learn in class, but they also should make an attempt to discover themselves as individuals and educated human beings.

The college atmosphere offers the student a whole realm of experimental possibilities. Here, students have a chance to learn about the world around them, about a wide variety of

personalities, and most importantly, about themselves.

Being a small school, Southern gives a student the chance to be a big duck in a small pond. Unfortunately, many Southern students do not seem to realize this, and instead are perfectly content at being small, uninvolved bystanders.

Students should realize they can not go to college forever. They should try to get as much as possible out of it. One old rule that still holds true is the saying "Get Involved!"

There are many clubs and organizations across campus appealing to every age group and field. I think most students will find that getting involved in these groups leads to a better, more rounded education. Leadership qualities can be gained, and you can feel better about yourself.

Being active is deadly to motivation problems. If you find yourself to be successful in something at Southern, be it in a club, on a team, or even just in class, you will most likely be naturally motivated by the positive

responses you get from your peers.

When graduates enter the job market, employers like to see indicators of active, interested, involved, motivated people. Experience about careers will get the you the job as quickly as a good grade-point-average. When employers go seeking, they want well educated people, not simply straight students.

Students should not get the wrong impression about these views. Many students are and therefore cannot get as involved as they may like to. For others, being a bystander is what they want. There are also those who become active in too many things and their grades slide. Students all have a level of activity that suits their own lifestyle. They should make a point to find that level.

Students at Southern should take a good honest look at their involvement in school. Hopefully many of them will realize that they should get involved, and in turn receive a more rounded education that will benefit them in the future.

### In Perspective:

## Preventive dentistry necessary for good health

By Mary Ensminger,  
Director of Dental Programs

In 1906, when the first dental auxiliary began instructing her patients on the care of their teeth and gums, the tradition of the assistant and hygienist as dental educators was born.

In the more than 76 years that have passed since that day, education of the general public in the prevention of dental disease has become an integral part of the profession of dentistry. Cavities, gum disease, and tooth loss are no longer accepted as inevitable because we now know that dental disease can be prevented.

In the MSSC Dental Programs Clinic, student dental assistants and hygienists are committed to this philosophy of preventive dentistry and play an important role in teaching patients to care for their teeth. Early in the first appointment, the patient's gums and teeth are examined for signs of disease. The amount of plaque, or disease causing bacteria, in the patient's mouth is also assessed. Patients are then asked to demonstrate the

techniques which they normally use to remove plaque.

After this information has been collected, the student works with the patient to design a realistic approach to the patient's preventive education. First, the student provides the patient with the information necessary to understand the disease processes underway in her/his mouth. For example, perhaps the patient is developing new cavities between the teeth, or maybe the gums are bleeding, and there are signs of loss of bone around the teeth. Since the most common dental diseases are caused by an accumulation of plaque, the student will assist the patient in finding techniques for plaque removal that fit the patient's daily schedule, manual dexterity, budget, personal preferences, etc. For each particular problem that the patient has, there may be a different solution recommended. Always, however, the focus is on individualizing the approach to the patient's needs and wants.

At subsequent appointments, the patient's progress in removing plaque is recorded and positive reinforcement is given in areas of im-

provement. Modifications in technique may be made, and further assistance may be given so that the patient can better clean more difficult areas. New devices, such as brushes that clean between the teeth, may also be introduced to the patient's progress. In addition, the patient may require counseling regarding ways to change the diet to promote good dental health and/or the application of fluoride or sealants to make the teeth more resistant to decay.

Since current research shows that plaque produces dental disease if it remains on the teeth for 24 hours, teaching patients to care for their teeth at home is one of the most important services provided by the students in the dental assisting and hygiene programs at Missouri Southern. It is an exciting experience to observe a preventive program in action as students assist patients in achieving optimal dental health. Through our continued commitment to preventive dentistry we hope to do our part to control dental disease.



## The Chart

Missouri's Best College Newspaper  
MCNA Best Newspaper Winner  
1976, 1976, 1977, 1978, 1982, 1983

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# DIOXIN

## Deadly chemical a major problem in state

is a major problem in the state. Dioxin waste has been found in several communities in the state and health hazards resulting from the contamination have prompted a statewide effort to control the problem.

Chemical wastes hold a mystique to the average American citizen. Dioxin is an example of the type of environmental problems the world may face in the future.

The average American citizen often finds such chemical waste problems incomprehensible. This stems

in part from the advanced technology and terminology involved in chemistry, and because much of our information is incomplete and based on supposition.

Few people know what dioxin is, or what it looks like. What does it look like? How does it smell or feel?

Dioxins are found in herbicides, pesticides, feedstocks, Agent Orange, wood preservatives, waste oils, and from the combustion of chlorinated phenols.

Agent Orange and Hexachlorophene are estimated to be the prime sources

of dioxin contamination in this part of the country.

What are the effects of dioxin contamination? During Vietnam, Agent Orange was sprayed on jungle foliage to clear ways for troops. Many Vietnam veterans now have mysterious rashes, loss of memory, blindness, and several forms of cancer. Scientists attribute many of these health problems to dioxin in the Agent Orange.

Hexachlorophene, the other prime suspect in dioxin contamination, is a chemical used in many cleansing products in the late 1960's and early 70's.

The products using this chemical were banned from the market in 1971, when investigation suggested the chemical could be detrimental to human health.

According to one source, an amount of dioxin the size of an aspirin could cause severe toxic effects to 1,500 people. Tests on laboratory animals have shown signs of cancer due to exposure to dioxin. Unfortunately, the problem is closer to home than we think.

Dioxin-laden wastes have been dumped on farms in this state. Major problems have arisen in Verona and Times Beach as a result of this dump-

ing. Gov. Christopher Bond's task force is attempting to find the answer to the problem of properly disposing of the chemical waste.

Answers to the dioxin problem are difficult to find. What is known is that a solution to the problem must be found soon, so that future generations will not be plagued with the deadly consequences of chemical waste in America. Hopefully, the problem will be solved soon, so dioxin will not be considered a problem of the future, but a memory from the 1980's.

## Task force looks into solutions

In 1983 the State of the State address by Governor Christopher Bond called dioxin "a problem of the eighties." In response to the recent threat of contamination, Bond formed a task force to go about finding a solution to the Missouri dioxin contamination problem.

Times Beach, Mo. was one reason the task force was formed. The town nearly died in 1982. Between dioxin contamination and severe flooding, its future was in doubt.

Several agencies were working to solve the dioxin problem in Missouri at the time, including the Environmental Protection Agency, the Federal Emergency Management Agency, and the Centers for Disease Control.

He saw the need for a group of people who could look into the dioxin problem, and organization of a task force began. President Reagan agreed with what Bond said, and a Dioxin Task Force was established in the state. The purpose of the task force was to study ways to streamline the government's responses to the problems at Times Beach.

He chose nine people for the task force, three each from academia, industry, and the public. The resulting task force consisted of scientists, physicians, and concerned citizens.

Initially, southwest Missouri was represented in this original group. High Verona and Neosho were two areas of contamination in the

light Douglas, a Neosho attorney, later appointed as the 10th member of the task force. Douglas had an ongoing conversation with the mayor's office about the dioxin problem. They called me and said 'guess you opened your mouth, now we have the job!,' Douglas said.

The group has met twice a month in February to hear testimony and analyze input from experts on diox-

in the meetings, we heard testimony from over 50 experts," he said. "We compiled 10,000 pages of information."

In the meetings, most of what was input from the scientific community. We were after scientific

group also toured several contaminated areas in the state, visiting residents and getting a first-hand look at the problem.

The task force, which met last Monday in Jefferson City, has written a draft which includes three proposals of solutions to the Missouri dioxin problem.

Throughout the year, the task force heard from experts, toured dioxin-contaminated towns and farms, and met with residents in an attempt to reach a mutually acceptable resolution to the dioxin problem.

Douglas considers the task force to have been a success.

"There has been a very rewarding and educational experience," he said. "We met with world experts on dioxin. Members of the task force were quality people. In looking back, attendance at the meetings was phenomenal. The report we produced, I think is of high quality and reflects the state of the art in dioxin disposal. We worked together very well."

Missouri residents also seem to be working with the task force.

"We have had contact with many people in the effected towns," said Douglas. "The task force has been very well received by the Missouri residents."

Although the problems of dioxin are not completely solved, Douglas says the report will help.

"We are learning more about it all the time. If our recommendations are implemented, dioxin will not be a major problem in the future."



Holmes photo. The warning sign at the James Denney farm near Verona, Mo. Dioxin-laden waste from the North Eastern Pharmaceutical & Chemical Co. was buried there in 1971, and in 1980 the government filed for reimbursement of the clean-up costs. Hexachlorophene was the chemical buried there.

## Verona: Officials find dioxin traces on farm

One area in Missouri that has been hit hard by the dioxin problem has been the small town of Verona.

Levels of dioxin have been detected at 532 parts per billion at the James Denney farm near Verona. The town of Verona is located about 100 miles southeast of Joplin.

In 1971, waste from the North Eastern Pharmaceutical and Chemical Company was dumped in a trench on the Denney farm. An estimated 84 barrels of material were buried there. Traces of chemical waste were also discovered to have been dumped by the company in at least three dozen other places in Missouri, including the town of Times Beach.

In 1971, Denney agreed to have the chemical buried on his property. The drums were tested and found to have 600,000 parts per billion of dioxin.

In 1980, the federal government filed a lawsuit for reimbursements for the Denney farm. The trial was conducted three weeks ago in Barry County concerning the cost of cleaning up the resulting contamination at the Denney farm.

In the federal case, the government is seeking \$350,000 in clean-up funds from North Eastern, the firm which produced hexachlorophene in Verona during the 1960's and early 1970's and is being accused of the disposal of the waste on the Denney farm.

Traces of dioxin on the Denney farm are believed to be the result of use of the chemical Agent Orange.

In 1971, hexachlorophene was buried on the farm. The chemical, which was used in human cleansing products, was

banned from the market in the early 1970's. The chemical was found to release dioxin when heated to a certain temperature. Hexachlorophene is also used in the Agent Orange chemical.

Hoffman-Taff Chemical Plant in Verona produced Agent Orange until the product was banned in 1971.

In the recent trial, Edwin B. Michaels, former president of North Eastern, testified that the company had used extensive organization when handling the disposal of the waste.

Syntex Corporation, the firm which now operates out of the former North Eastern plant, has agreed to allocate \$100,000 toward the clean-up operations at the Denney farm.

In addition to this money, the firm must also organize the disposal of waste it had left on the Denney farm in special containers in 1981.

According to Mark Ryckman, an environmental engineer who runs a St. Louis hazardous waste consulting business, the government should only have spent \$50,000 to \$100,000 on clean-up at the Denney farm, instead of the \$674,000 spent on the project.

During the final session of the trial, Russel G. Clark, a U.S. district judge, ruled that both Denney and the opposition, North Eastern, were given until Nov. 4 for the federal government to provide written briefs, and until Dec. 2 for the defendants to file written responses.

Results of the federal lawsuit will not be decided until early next year. Officials are predicting that this trial will set a precedence for future trials concerning the disposal of toxic waste.

## Government purchases dioxin-laden Times Beach



Holmes photo/special to The Chart. An EPA scientist prepares to take soil samplings at a dioxin-contaminated farm near Verona. This sight was also repeated often in Times Beach.

Concern of dioxin has spread throughout Missouri. The Environmental Protection Agency has 50 sites under investigation in Missouri, including Times Beach and Neosho.

Over 10 years ago, Russell Bliss had a prosperous business collecting waste oil from chemical plants and spraying it on streets and horse arenas in Times Beach to control dust, and later people used it for fill dirt or garden soil.

Times Beach had a population of 2,800 people. Early last December the Meramec River, named River of Death by the Indians, flooded. The National Center for Disease Control in Atlanta recommended that residents move because dioxin was discovered there in high levels.

Soil samples were taken, and it was found that over 500 parts per billion were in 100 yards of land. The average level found was 200-250 parts per billion.

In March, the government proposed a plan with the Federal Emergency Management Agency to buy out the town for over \$36 million.

One price for mobile homes, another price for houses built in the 1920's and '30's, and a third price for new construction would be paid.

The government also planned \$200,000 for clean-up costs, and \$1 million to clean up other dioxin sites.

The majority of Times Beach residents favored the buy-out, but a few wanted to stay. Last March, anonymous calls were made to residents against the buying policy. Threats of burning the town were made. The residents then formed a watch group.

People were moved out in April and the town was sealed off. Passes were issued to property owners and businesses were still in operation.

Controversy between the federal government and the state delayed the purchasing of the town. The state wanted to take the title of the land after the government bought it as it could pursue clean-up operations.

Finally in June, the bill was passed and the people will receive their payments this month or next. The state will then start a cleaning-up campaign.

Residents will be reimbursed for moving costs, closing costs, interest payments, and possibly supplemental payments.

In March, a \$1.6 billion "Superfund" was passed by the House to tax hazardous wastes. The Budget Control Committee will charge \$2 for every ton of material dumped, \$20 per ton a company burns, and \$8 per year for employees at these companies.

Fred Lafser, director of the Department of Natural Resources, said this could raise \$2 million in taxes. Governor Christopher Bond said Missouri needs to clean up with \$50 million to clean up all the sites.

Bliss said at a recent hearing that he inspected the oil and found nothing wrong with it. He used it in Times Beach and on his own farm from 1973-74.

In June, damage claims to Bliss totaled more than \$76 million.

Officials traced the 18,000 barrels of waste from 1971 to the North Eastern Pharmaceutical and Chemical Co. in Verona. Bliss denied that North Eastern officials warned him the material was dangerous.

Gary Lambarth worked for him for 15 years. He suffers from stiff joints, hair loss, and the kind of acne associated with dioxin.

The trial's final decision has not been conclusive at this time. Bliss' plans are to move away from the state.

In Neosho, contamination of dioxin is contained on a 206-acre site—the Water and Wastewater Technical School.

Ten years ago, under contracts from North Eastern, disposal of dioxin was approved by the city.

In 1981, dioxin was found in three places: a 1,100-gallon steel tank, a spill site under a tree, and an abandoned digester at the city sewage. The tank had 1,800 parts per billion, the tree had 62 parts, and the city sewage had 55 parts.

In August, the government approved \$100,000 for the Neosho clean-up. At this time, officials are still negotiating over the funds for the project and who's responsibility it is for clean-up.

# ARTS

## 'Air Supply' lands in Memorial Hall

By Barb Fullerton

With vivid colors lighting the desert scene and green laser beams gliding from the stage, Air Supply landed in Memorial Hall last Wednesday night.

Opening with a hard rock ballad, Air Supply gave the song full effect with a background of colored haze and lights dancing across the stage.

Graham Russell, lead singer and songwriter of the group, came out wearing blue leather pants and a hot pink shirt with matching socks.

Air Supply performed its hit song, "Every Woman in the World," which Russell Hitchcock, lead singer, dedicated to all the ladies in the audience.

Air Supply is on tour to promote its new album, *Air Supply's Greatest Hits*. After Joplin, the group had two more concert to perform before its headed back to Australia.

Russell soloed on the song, "Don't Be Afraid." The lights dimmed and the background showed a mural of cliffs in a dark night. Haze surrounded Russell as his voice echoed through the audience. The song has the quality of a beautiful lullaby, vibrating with fine textures. Russell's voice could reach

the high notes in fine tones.

They sang their first hit song in America, "Lost in Love." Hitchcock gave the song flavor by hitting quality high notes.

Their concert included 11 ballads with four rock tunes. They performed all their hit songs plus a few new ones.

Air Supply has eight top-five singles and three platinum albums to its credit.

The five-piece band put its two cents in as well. The drummer, keyboard players, and guitar players did an excellent job, complimenting each of the songs performed.

Their use of flashing green laser beams and other visual effects were shown when they performed the song "Sweet Dreams."

Background of clouds on a blue sky began with the music. Then the lights darkened and multi-colored stars appeared with haze rolling in around the players. The group gave the song all it had to produce one of the best songs of the evening and added to the concert something special.

The group sang its new hit, "Making Love Out of Nothing At All," and it received a standing ovation from the audience.



Williams photo

Air Supply's Russell Hitchcock

## Art students to visit P

Approximately 20 Southern art and print students will be attending the Pittsburgh State University Wednesday, Nov. 16.

Robert Russell and Mary associate professors at PSU speaking on the sabbatical made to England during the

A sabbatical trip is a reward granted to a professor, usually seven years, for the purpose of travel.

Schick's lecture will be held 109 of Grubbs Hall, beginning 10:30 a.m. In conjunction with her she will present a slide show, students and the public, and various items of jewelry and smithing she worked on this England.

Russell's lecture, to be held 203 of Whitesitt Hall, will 10:30 a.m. He will be demonstrating monographs in conjunction with a question and answer session. A question and answer session will be held in the gallery at the lecturers.

Schick instructs jewelry crafts, and weaving classes teaches painting and drawing hold master of fine arts degree.

## Theatre department in full swing for fall play

### Gamma Rays

### Kyle Pierce:

By Kari Enos

The contemporary drama, *The Effects of Gamma Rays on Man in the Moon Marigolds*, opened last night in Missouri Southern's Taylor Auditorium. Performances will continue at 8 p.m. through Saturday.

The play is written by Paul Zindel, who won a Pulitzer Prize for his work.

The theme focuses on an impoverished family in the early 1970's. The mother, Beatrice, played by Leslie Bowman, is a depressed woman who stifles the rest of the family by her obsession with her lost ambitions. Her daughter, Tillie, played by Pamela Lutes, is startlingly different from the others, with her projection of hope.

There are three other characters in the drama. Jenny Larkin plays a decaying old lady, Nanny, whom Beatrice cares for. Nancy Craig plays Ruth, Beatrice's disturbed daughter, and Tillie's sister. The character of Janice Vickery is the arrogant school rival of

Tillie, and is played by Charla Carpenter.

The play is directed by Milton Brietzke, director of the theatre department.

Costumes were obtained in an unusual way by wardrobe consultant Joyce Bowman.

Bowman went around rummage sales and basement sales collecting items from the mid 1960's to the early 1970's.

Since the family in *Gamma Rays* is very poor, many of the articles worn were from an earlier time than the actual setting of the play.

The actresses were also involved in the choice of their wardrobes. "We had the actresses come in and choose what they thought their characters would wear," Bowman said.

Bowman said that the personality of the characters is always considered when choosing costumes.

Kyle Pierce is a man who prefers to stay behind the scenes.

Pierce, a sophomore theatre major at Missouri Southern, is master electrician for the college theatre production, *The Effects of Gamma Rays on Man in the Moon Marigolds*. The job entails understanding light schemes, hanging lights, and finally, supervising all lighting aspects during the course of the production.

"This is my first year in really work on lighting," said Pierce, 20. For his first lighting job, Pierce had to understand the meaning of *Gamma Rays* in order to light the set correctly.

"*Gamma Rays* is a naturalism play," said Pierce. "Everything is supposed to look realistic. The lighting is harsh, with a lot of blue light, because it is a drama, and it makes sharp edges on the face. It looks like the lighting in a

house."

Pierce said that lighting not only adds to the mood of the play, but also plays a part in audience response.

"The warmth or coolness of the light can psychologically influence what the audience thinks."

Lighting is only one of the areas in theatre that Pierce is interested in.

"I like all aspects of it," he said. "What I've done the most of, though, is building sets."

He will get back into that area with the next Southern production, *Little Women*. He will also be building the set of *The Importance of Being Earnest*.

With all his involvement with the theatre, Pierce has only had small parts in stage roles. He said he prefers to stay behind the scenes.

"It's easier for the people to criticize the people on stage."

Pierce said theatre "takes an awful

lot of time." When he is not busy by his theatrical duties, Pierce sew and dabble with decorating.

"When I'm not here (at the department) I just like to relax and enjoy myself."

Pierce's movement into theatre has added to his theatre area where that savvy will get a graduation, Pierce isn't sure.

"I can't say because I don't know where I'm going to get a job. Hopefully I will get steady in the field."

"I would be totally satisfied if I could be a set designer on Broadway."

One of Pierce's short-range goals is to get involved in the summer theatre in St. Louis.

He still has two years at Missouri Southern, but figures time I leave here I'll know just as much about this place as



Fullerton photo

Children from the Ecumenical Day Care Center marched around the Missouri Southern campus Monday morning, showing off their Halloween costumes.

## Davis judges Photosp

Over 800 photography entries in Missouri Southern's Photospiva contest were judged Monday by Keith Davis, Curator of the Hallmark Collection in Kansas City.

Entries were received from different states and countries. About 175 photographs were accepted for the exhibit.

Judging has reasonable subject matters and reflects on a variety of themes, says Davis.

"The final show will be true to the material that has come in," he said.

The first step in judging is going through the prints. Davis then divides the prints into two categories: no's and possibilities.

In the third step, he chooses one-third of the possibilities and keeps looking at the pictures repeatedly. The last step is to pick the winners.

"The pictures have to have a spark of originality and a sense of individuality," Davis said.

He said this year's photospiva was a good group and the final show was interesting.

There are photographs of (photographs with art drawn picture), straight photographs, documentary (editorializing), and tries to pick some from categories.

Davis also is a photographer teaches a history-photography in Kansas City. He has written books on the subject.

"The photographs I picked my judgement, but it also has a variety of different themes."

"I believe there are many to observe and use the media. It's the flavor of the photographs through when they are shown walls," said Davis.

Photospiva is an annual event at the art center. This year it opens 1 p.m., Sunday, Nov. 6.

## THE NEW IMAGE

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## Schools, mall highlight lab band fall tour

Area jazz and pop music lovers will have a chance to hear Missouri Southern's lab band this month as the group tours area schools and the Northpark Mall.

According to Dr. Charles Thelen, director and assistant professor of music, the 20-piece band has several concerts lined up.

"Within this month we will be performing six times," he said. The band has scheduled performances at area high schools on Nov. 10 and 15, at the Northpark Mall on Nov. 12, and in the Lion's Den Nov. 30.

Students join the band on a volunteer basis, "but they are screened according to their abilities and whether their instrument fits the group instrumentation," Thelen said. "The band consists of the same basic in-

strumentation as seen on the Johnny Carson show," he said.

Lab band differs from marching and concert band in that it "is a musical ensemble designed to play in the popular and contemporary idiom, especially in the field of jazz," Thelen said.

Songs the band will be playing for its upcoming performances include "No Tell Lover," as recorded by Chicago; "Fame" from the movie and television series; "T.J. Boogie," a remake of the old Basie chart "Splanky," and two old jazz standards, "Gone With The Wind," and a Kenton arrangement of "Body and Soul."

Thelen is optimistic about the possibilities of this year's lab band members.

"I am excited about the quality of

the players this year," he said. "We have some new incoming freshmen who are surprisingly strong. This is probably due to the fact that they have a great deal of interest in this ensemble at the high school level."

He has also noticed the difference in the types of music played by the band and the music that has been popular among the majority of traditional college students.

"It is always amazing to see young people whose musical tastes consist mainly of rock, country, western, and other such top 40 music become so absorbed in jazz. I guess it really isn't so much when you realize people will be attracted to things that have values."

## Rate increase causes change in insurance

Large premium increases were the major factor causing a change of insurance carriers for Missouri Southern employees.

"We were notified that the previous carrier, New York Life, planned to increase premiums by 65 per cent," said Douglas Coen, personnel officer at Southern.

Employees are now covered by an insurance plan with Blue Cross. "There are only minor differences in the coverage," said Coen. "Under the New York Life policy, employees paid a deductible of \$100; the insurance paid 80 per cent up to \$3,700, and 100 per cent of any amount over \$3,700. The Blue Cross policy has a deductible of

\$150, pays 80 per cent up to \$3000, and 100 percent over \$3000.

Southern has now joined a consortium of nine state colleges to enable them to buy insurance in a block. Buying insurance as a group enables the group to get coverage at lower premiums.

Employees at Southern are also covered by a long range disability plan through Connecticut General Life Insurance Company. An employee disabled for 180 days or more is paid 60 per cent of his salary for a period of as much as two years. After the two year period, eligibility has to be re-established. The plan would then pay indefinitely.

## Debaters capture awards at North Texas State meet

Two new plaques were added to Missouri Southern's debate department last weekend.

"We went to North Texas State in Denton," said Richard Finton, debate coach. "It was a prestigious tournament with all the district powers here."

Colleges from Missouri, Oklahoma, Texas, Louisiana, and Kansas were represented.

Senior division debaters Randy Penning and Carmen Tucker won an octo-final plaque, but they lost in the quarter-finals to Houston Baptist.

The team of Mike Schellen and David Watkins in the junior division won an octo-final plaque. They too lost in the quarter-finals. They were defeated by Texas University.

"Our next tournament is the

weekend of Nov. 12 at Notre Dame," Finton said. "There we will meet teams we have never met before. We are the 1982 Champions of the Notre Dame tournament, and we placed second in 1980."

This will be the third year the team has gone to Notre Dame. "We have always done good there every year," Finton said.

Finton believes chances of retaining the championship this year are good, also.

"We have gone to six tournaments this year, and have placed in five of them," he said. "We placed second in Johnson County, and Oklahoma Christian College; third at Kansas State; fourth at Southwest Missouri; and now fifth at North Texas."



Eliff photo Rod Cathcart, producer of the Mad Hatters Marionette show, brings the marionettes to life for the audience through a sense of imagination.

## Marionettes put on show

By Lee Eliff

Music filled the air as a medieval jester began to dance at the commanding hand of Rod Cathcart.

Cathcart is producer of the Mad Hatters Marionette Show, which put on two presentations at Northpark Mall last weekend.

"The show is mainly designed for the enjoyment of adults," said Cathcart. "Nine-tenths of the audience is usually adults."

Cathcart and his partner Lisa Hart, used approximately 20 marionettes. The marionettes are designed in Kansas City by Deloris Hadley. Hadley has concluded her 11th year of "La Famille Marionettes" at Kansas City's Worlds of Fun. She has been asked by the Smithsonian Institute to display a permanent exhibit.

Each marionette takes approximately six weeks to make. A marionette is constructed of paper mache and is hand sculptured.

"I'm still learning," said Cathcart. "It takes years to become a master."

Cathcart has worked with the art of marionettes for 15 years. His favorite is Toby, a medieval clown. The entire show revolves around entertainment of the medieval times; however, Cathcart produces a new show each year.

"We play Christmas shows at Met-Half South Mall in Kansas City from the day after Thanksgiving to the day before Christmas," he said.

He also produces an exotic bird show and a magic show, both of which travel immensely.

Cathcart uses his free time to practice. "I practice in front of a mirror to perfect certain movements," he said.

Practice combined with the art of imagination plays a key role in maneuvering two marionettes.

## Student Senate acts on two resolutions

Resolutions submitted by the Modern Language Club and the Pershing Rifles were acted on at last night's meeting of the Student Senate.

The Modern Language Club's request for \$400 to co-finance a trip to Kansas City to attend a cultural event was approved. The total cost of the trip is estimated to be approximately

\$331. The Pershing Rifles' request for \$331 was not approved by the Senate finance committee because it felt that it was simply a skiing trip.

During discussion, senator Brian Wotring defended the request, stating that cold weather survival and first-aid techniques as well as skiing, were the purpose of the trip. He added that 89 per cent of the total cost would be paid

by the students.

A motion was made in favor of the request, but it did not get the three-fourths vote needed to pass.

The Student Nurses Association, Art League, and RHA requests for funds were not acted upon. Senator David Daugherty gave the official balance as \$8,985.

## 5 to vie for 'Mr. 10' honors tonight

Fifteen men will be competing for the title of "Mr. 10" at 7:30 p.m. today in the Billingsly Student Center.

The contest, which is open to the public, includes business suit, non-sports talent, and swimsuit competition. It is being sponsored by the Miss in Counties Pageant Association.

Contestants and their sponsors in-

clude: Rich Snyder, Zeta Tau Alpha; James Ray, Icthus; Scott Harris, Delta Gamma; Mike Russell, cheerleaders; Toby Hart, KSYN; Patrick Lee, KFSB; Ernest Henderson, Residence Hall Association; Jeff Bergen, KDMO; Kirk Keller, KRGK; "Booger" Prater, Rousseau's Photography; Randy Long, Shirlock Floral Design &

Minatures; Mark Bender, Missouri Scientific School of Cosmetology; Mike Callaghan, Student Senate; Thomas Fahrig, SAGE; and Jay Carpenter, Tyler's Furnitureland & Carpet.

Tickets are \$3 and may be purchased from any contestant, in Room 102 of the BSC, or at the door.

## Students attend PBL workshop

Four members of Phi Beta Lambda, accompanied by the organization's sponsor, Delores Honey, attended the 1983 PBL Fall Workshop in Jefferson City last week.

Highlights of the day included sessions on parliamentary procedure, as for success, fund-raising, and business occupations; a buffet style dinner, followed by a masquerade dance.

Members attending were: Tracy Er, president; Jamie Cox, secretary; Alley Cox, treasurer; and Dale Lipe. PBL is an organization designed to provide leadership skills and is open to business and computer science ma-

The next meeting will be held Thursday, Nov. 17 at 12:20 p.m. in Room 100.

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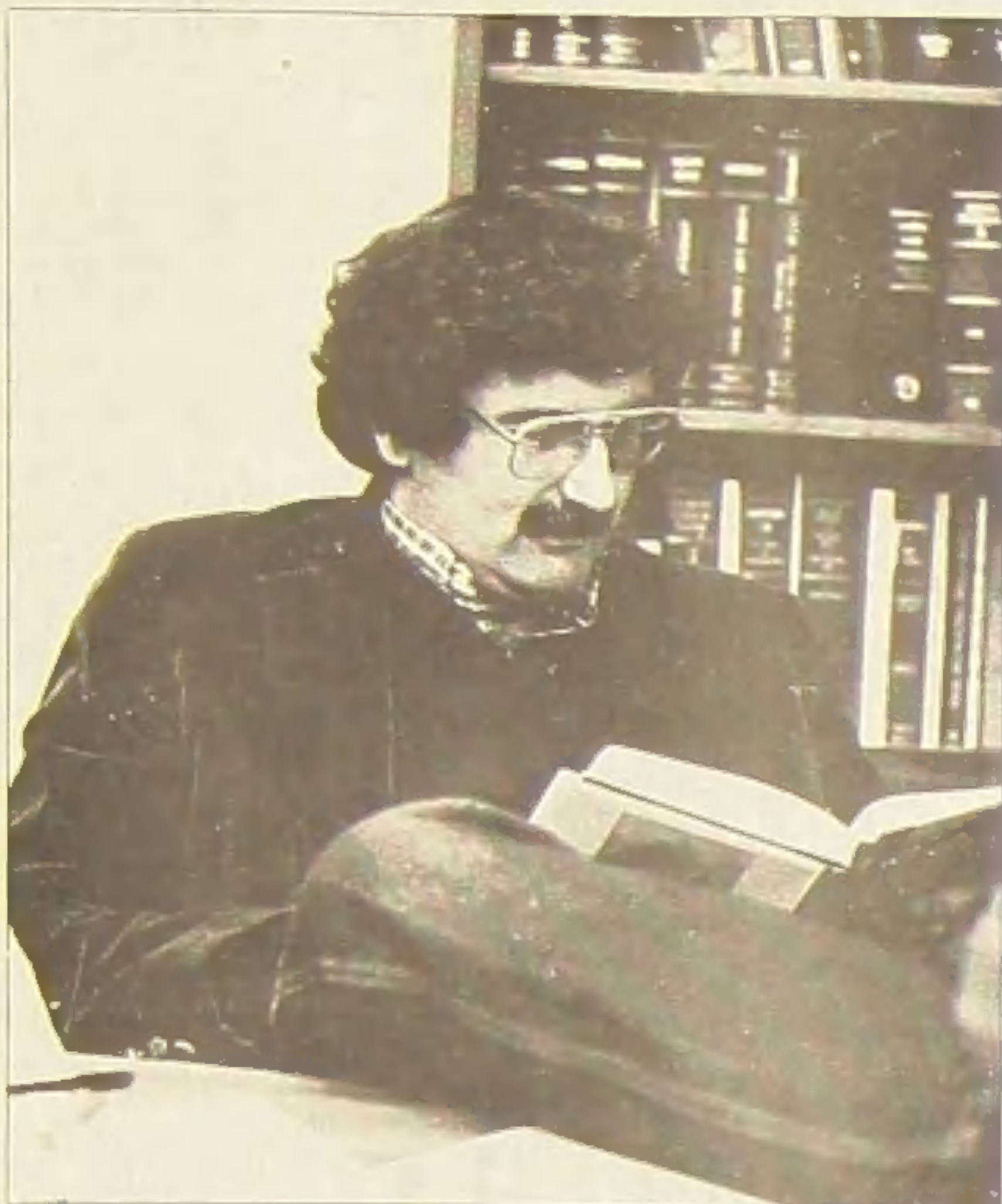
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# FEATURES



M. Kassab photo

Michael Yates

## He teaches, practices law

By Barb Fullerton

Michael Yates' primary job is teaching law at Missouri Southern, but his pastime includes practicing it.

Yates, assistant professor of political science, does part-time work in cases involving family law. He mainly handles divorces and adoptions.

"I like making extra money," he said. "I like to get my feet wet and keep my mind sharp."

Yates also works for the Agency for Aging. "It is both satisfying and depressing to work in nursing homes," he said.

He has a master's degree in political science from Southern Illinois University and a JD degree from the University of Missouri-Columbia.

At one time, Yates thought he might like to work for the federal government. He did an internship in Washington, D.C. for a Missouri representative and saw the Watergate and impeachment hearings.

"1980 didn't look like a good year for a Democratic lawyer to find a job in Washington," said Yates.

At the University of Missouri, Yates was informed by professors that it would be difficult to place government into teaching classes. Then he saw a position offered at Missouri Southern on the bulletin board.

"To be honest, I didn't know where

Missouri Southern was located," he said. "I had only been down to this part of Missouri when I took my mother to Silver Dollar City. It was a unique and pleasant surprise to find this job. The position combined political science and law into one. So I applied."

Yates says he has complete freedom of teaching at Southern. He can teach classes on subjects he is interested in. "Any money I lose by this job compared to practicing law is compensated by job satisfaction," he said. "Job satisfaction is more important than money."

Four of Yates' former students are now attending the University of Missouri-Kansas City law school. He helps his students find jobs and assists them in finding law schools. He stays in contact with most of his students.

When Yates first arrived at Southern, there were only 10 students in each of his classes. Now there are 15-25 students in each class.

Teaching is a constant challenge, he said. The biggest problem in his political science classes is getting students to perceive that government is relevant to them.

"I try to make class interesting by illustrating history and asking 'who cares, so what' questions," said Yates.

Many students and faculty come to Yates for legal advice.

"Generally I will answer questions and give legal advice who would hire me for private cases."

One of his most embarrassing a divorce case was tracking husband.

"I had papers on this man Yates. I went to his home raining. I knocked on his door neighbors' doors. He wasn't there no one had ever heard of him. dumb sucker. At the trial, declared a default hearing he couldn't find him. The wife everything without the husbanding the papers."

In Yates' opinion, the United judicial system is reasonable.

"I'm not sure if the system for evidence," he said. "The discover the truth with two testing each other, telling the story, and the judge decides is right. In theory, probably better system. But this appears to favor settlements in relationships rather than a Kramer situation in the courts."

"I don't like dragging someone's laundry in public," said Yates.

Yates' hobbies including "pop trash" books by Sidney and Robert Ludlum and law by also plays golf and likes sports trivia.

## Jordan eludes death during, after Vietnam

By Rob Ahrens

If you think you've had a bad day, week, month, or year, wait until you have heard about a man who has eluded death several times.

Larry Jordan, a custodian in Reynolds Hall at Missouri Southern, has had enough unpleasant experiences to last a lifetime.

At the age of 17, Jordan went into the military service at Fort Wrecker, Ala., to study helicopters. Then he transferred to Fort Stewart, Geo., and was an air traffic controller for 18 months.

Then Jordan, at the age of 18, volunteered to go to Vietnam. When he got to Washington he was told that he didn't have to go because his brother was already there. But he said he would go anyway.

"I thought I would go over there and be an air traffic controller. But when I got there, I was a door-gunner on a helicopter," said Jordan.

Jordan belonged to the 335th Assault Helicopters, and flew in the unit for eight months and averaged 13 hours a day. Eight times they went into Cambodia and each time they went down.

"We were taking some men to a drop zone, and we were getting ready to land and it was an ambush. It was a hot and heavy landing zone and we lost one

chopper. We got out of it, but it scared me pretty good," Jordan said.

"I liked to fly the night missions," Jordan said. "because you could see the bullets coming at you. But during the day you couldn't see green or white tracers coming at you."

Jordan received two bronze stars and a silver service star with oak leaf clusters, which he is proud of. But after eight months of combat he asked for an easier job, and ended up driving a water truck.

"At 9 one night I was getting into my truck and got shot. A Viet Cong was hiding underneath the truck with a French gauge loaded with double buck. He shot me in both legs, stomach, and tailbone."

"The doctors told me for a long time I wouldn't walk right and that I would need a cane. I can do a lot of things, but I can't play tackle football or get beat up in a gang fight," Jordan said jokingly.

"I like talking about Vietnam a little bit because people thought it was just a police action. It was a police action, but to me it was war because over there it was survival and you depended on your buddy because he'd watch your back and I'd watch his."

"One day we were flying, and our

Please turn to JORDAN, page 9



M. Kassab photo

## 'I just thought I could draw,' says Ray Cook

By Sherry Grissom

Traveling and the opportunity to meet new and sometimes exciting people is only part of Ray Cook's somewhat unusual lifestyle.

Cook, who is an artist at the Northpark Mall in Joplin, has been drawing most of his life.

"I just thought I could draw," he said. "When in elementary school in Webb City, I liked to draw comic strips. Then at the age of 12, I got hold of some movie magazines and began drawing movie stars. I did not begin drawing live portraits until I was in high school."

He also drew caricatures for the West Wing, a high school newspaper in San Francisco.

"The high school was divided into wings," said Cook, "and I attended school in the west wing. That is why the paper was called the West Wing."

Cook began drawing professionally after graduating from high school.

"My break in professional art was a sideline, if not a vocation," he said.

After graduating from high school in 1942, he worked the graveyard shift in a defense plant in Los Angeles. He would draw caricatures at Sardi's Bar and Restaurant in Hollywood during the evenings.

He spent nearly three years in the Army during World War II, and most of that time he was stationed in India. Cook had the opportunity to draw caricatures and portraits there during his spare time.

"I gained recognition among British as well as the Americans. I was stationed there," he said. "A British officer once gave me a colored pencils to draw with. Art of art material was hard to get during the war. This is when I drawing serious portraits for life."

After the war he returned to Angeles and spent the next two attending classes in a commercial school.

"After I graduated from art, the market was filled with graduate students," Cook said, "so I did a job with commercial art until 1955."

In 1955 he decided he would become an FBI agent, so he began accounting and law courses at Golden Gate College in San Francisco.

"One of the requirements for being an FBI agent then was to be either an accounting or law student," said Cook.

"I was appointed editor of the at Golden Gate College and putting caricatures in it. I gave ambition for a degree in accounting and went back into painting."

Cook was hired by the International Sign Company in St. Louis in 1957. He worked there a year, then returned to Joplin to work for KODE-TV. He staff artist there for 12 years.

Please turn to COOK, page 9



Fullerton photo

Ray Cook

ook

Continued from page 8

moved back to the Joplin area. "I have roots here," he said. "This is where my children were born."

has spent the past 14 years touring theme parks, malls, clubs, and bars, drawing caricatures and portraits.

"I explained to my audiences at Joplin that there are two subjects in my drawings. The first subject is the second subject," Cook said.

During a performance he would also draw while drawing a subject up close.

"Caricatures and portraits are different from each other," he said. "When drawing caricatures you're working with the likeness of a person. Caricatures don't have to be serious. Few people can do portraits and get instant recognition."

Working with caricatures is a challenge. "It takes a lot of ability. When drawing caricatures, proportion and contrast are involved. Caricatures are more of a dramatic concept than an artist's portrait."

According to Cook, when an artist is drawing a portrait, the primary concern is the light and shadow, which is recreating of proper proportion of the subject.

Cook said that some of his customers are always pleased with his portraits.

"I am not really concerned that because I just do what they want me to do. I only draw what I see. I help what they look like."

The difference between portrait and caricature drawings sometimes is confusion with Cook's work.

"The work I am doing is a highly understood work," he said. "In a portrait you have to exaggerate. The obligation is to get the likeness of what action is necessary. If I did not want a likeness, they would not have asked me to do a portrait."

Cook has met and drawn such celebrities as baseball great Mickey Vernon, actor Christopher George, and Arkansas governor Orval Faubus. He has also drawn Otis Bowen, former Kansas City Chief; Royce, former New York Yankee baseman; and Mary Herchard, of Silver Dollar City.

Cook has drawn over 60,000 people in his walks of life," said Cook.

Cook has been working at the Northland Mall for 10 years.

"I don't want to work in the theme park anymore in the hot summer months," said Cook. "Working in the theme park, you don't have a chance to be close to the subject. I have a study clientele. I draw about 1,500 people annually. I get my leads for banquets, parties and conventions working here. I wouldn't get it if I was on the street. With a job like this I can call to go out of town."

Cook gives private and group art instruction to individuals interested in drawing caricature and portrait. "I know that they too may be able to do the same opportunities that I have opened up to him."



M. Kassab photo

Marjorie Melton

## Underwater caves intrigue scuba diver

By Elissa Manning

To explore the tunnels and mazes of an underwater cave is one of Marjorie Melton's dreams, a dream, which to her, is going to come true.

Melton's love for traveling may coincide with her dream. She said that she is planning on going to the Bahamas sometime in the near future and plans on scuba diving while there.

"There's always something new in the Bahamas. Maybe I'll find an unexplored cave."

Last spring semester, Melton received her scuba diving certificate by taking a scuba class offered at Missouri Southern. The course consisted of diving regulations, equipment instruction, and actual diving.

"Joe Shields (the instructor) put us through a lot of crisis situations so that we would be relaxed for our first dive," she said.

Since that first dive, Melton estimates that she has made 20 dives at Lake Oronogo.

"Everytime I go I'm a little scared at first," said Melton. "Once I get into it, I get very excited. It's really breathtaking and gets my adrenalin flowing."

"I love for life to be a challenge," Melton said.

Her desire for adventure is met when making the dives. She has made dives as deep as 100 feet and is planning to

go farther.

"The feeling of being totally dependent on that tank of air is exciting."

Another factor which influenced her into taking the class was the trip that the biomes class takes to the Bahamas in the spring. To attend she must have her scuba certificate and have taken the biomes course which she plans to do next spring.

Having always been a nature admirer, Melton finds the scenery a relaxation. "I seek nature when I get to the point that I can't study and need a break to release and relax."

She added, "Nature makes me realize the beauty in the world and gives me a reverence for God."

Melton does not have definite plans for using her scuba as a career. "I will use it as a pastime for relaxing."

However, she said, if her studies in biology continue she might consider being an oceanographer.

Still, she is unsure and doesn't want to commit herself to one thing.

"Change is very important in my life. I don't like getting bored."

To keep from being bored, she finds new activities as often as possible. She plans to further her scuba into underwater photography.

"I've already had black and white photography and plan to take color next semester," she said.

"I'm kind of a sensation seeker," said Melton, "and I still want to learn to hang glide."

## Professor to discuss Turin Shroud Nov. 12

Dr. John P. Jackson, vice president of the Turin Research Project and assistant professor of electrical engineering at the University of Colorado (Colorado Springs), will speak on "Results of Recent Scientific Testing of the Turin Shroud" at 8 p.m. Saturday, Nov. 12, in Taylor Auditorium at Missouri Southern.

Jackson has a bachelor's degree in physics from Colorado State University, a bachelor's degree in religious studies from the College of Santa Fe, a

Ph.D. in physics from the Naval Post Graduate School at Monterey, Cal., and is a member of Sigma Xi.

Jackson, an Air Force physicist, headed a team of researchers in 1978 to Turin, Italy, to study the Shroud, an old linen cloth thought by many Christians to be the burial shroud that Joseph of Arimathea and Nicodemus draped around the body of Jesus before they laid him in the tomb.

Using highly sophisticated equipment, team members performed

photographic, microscopic, and chemical tests on the cloth to try to determine what the image is composed of, what was the process that formed it, and what is the composition of the stains on the cloth. The researchers have spent the past several years examining the data from these tests.

Jackson will discuss and illustrate with color slides the work of the research team and the theoretical results of the experiments.

It has taken nearly three years for dozens of scientists to examine it and to draw conclusions from it.

The cloth bears the clear frontal and dorsal imprints of a human form. These discolorations were analyzed directly by various scientific instruments in 1978.

The lecture is open to the public free of charge. The College Seminar Series, of which this lecture is part, is funded by the Missouri Southern Foundation.

## Jordan

Continued from page 8

nose compartment was loose. I was going to get out and fix it. About three-to-five feet off the ground, I went ahead and jumped out right into a pit. Luckily the bamboo shoots were laying down and had not been stuck up yet. That was one of the most terrifying experiences I had because I knew I was in the pit."

Jordan had seven years of nightmares after he returned. He did not want to continue a flying career.

He recalls, "We were shot down and

it was dark and we heard people screaming and rushing toward us. We switched our candle-watt power light on and saw about 75 Vietnamese running toward us with hammers and sickles—just like out of a movie. We had a mini-gun and had to open up and all of a sudden it was just a big hush."

Jordan, who was born in Joplin, came back from Vietnam and lived in Kansas City. He and his wife returned to Joplin and he ran a humane society for two years and worked in a hospital

for a short time, before getting his job at Southern.

"I was going home from work one night and I was going down AA Highway about 50 miles an hour. A guy turned right in front of me and we hit pretty close to head-on. He left me there. I was unconscious for 35 minutes and I woke up while they were putting me on the stretcher. A girl was screaming and yelling and I woke up to that, and it kind of set me off."

Jordan ended up with a cracked sternum and tore ligaments across his chest and arms. He said that about a year and a half ago he had a serious truck wreck, but he ended up walking away from that.

"I consider myself a very lucky man for what I've been through, and I definitely had to have a guardian angel. I hope nothing bad ever happens again because I don't think my body can take it."

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# SPORTS

College may host playoffs:

## NAIA official lauds Southern's facilities

By Dave Griffith

Dr. Charles Morris, associate director of the National Association of Intercollegiate Athletics, visited Missouri Southern Saturday to determine if the college was capable of hosting a football playoff game in December.

"The total facility at Southern is very nice, and this is an advantage," said Morris. "Most of the schools in contention for playoff sites aren't as close to Kansas City as Southern."

"Southern is in the running because of their ranking. But the final selections will not be made until 'Selection Sunday,' which is Nov. 20."

The NAIA Division I is divided into four districts, with two teams from each district selected for the playoffs. Southern is located in district No. 1, and could meet Mesa, Colo., in the first round of the playoffs.

"We try and give an equal opportunity to all eight qualifying schools,"

said Morris, referring to teams hosting the playoffs. "But the teams in the north have weather problems in December, which makes it prohibitive to play up there."

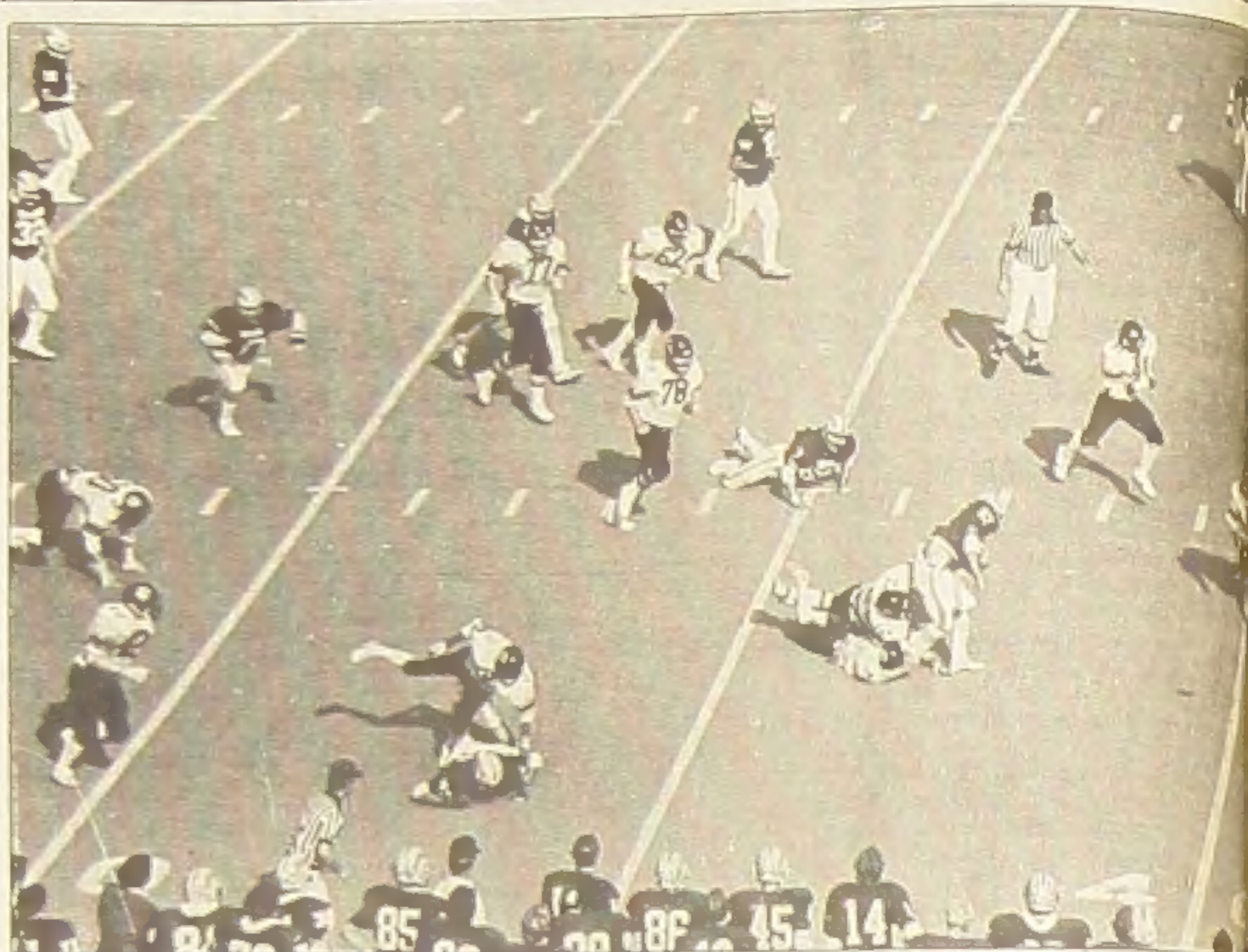
The playoffs begin Saturday, Dec. 3. The semifinals are scheduled for Dec. 10 and the finals on Dec. 17.

Since Southern has been to the playoffs before (1972), it could have an advantage over other schools in hosting a game.

"Their facility is different today than it was 10 years ago," said Morris, "and that gives Southern an advantage."

Dr. Glenn Dolence, dean of students, told Morris that Southern was interested in hosting one or all of the playoff games.

"Some of the teams in the north, particularly in Minnesota, say they want to host one and travel the rest," said Morris. "This limits me in making the selection."



Williams photo

Harold Noirfalise (far right) is tripped by Fort Hays players following a long gain in this view from the pressbox at Hughes Stadium. Noirfalise rushed for 81 yards on 18 carries.



A Fort Hays player intercepts a Rich Williams pass.

## Lions 'put it all together' in win

Missouri Southern "put it all together" Saturday and soundly defeated the Tigers of Fort Hays State, 42-10.

Amassing a total of 522 yards on offense, Southern had what head coach Jim Frazier called "maybe the best game we have played this year."

The Lions took the kickoff and marched down the field to score, and just minutes later, linebacker Steve Forbis picked off a Fort Hays fumble and carried it into the endzone to put Southern in front, 14-0.

"We played with enthusiasm, desire, and intensity," said Frazier. "We were loose and played aggressively, and we caused the big play to happen."

Holding the Tiger offense to 125 yards rushing and 79 yards in the air, the Lion defense once again showed its "stuff" by shutting down the aerial attack of Fort Hays quarterback Robert

Long.

"Our five defensive backs shut them down in the air," said Frazier. "We contained and forced them to change game plans. Fort Hays got shocked and found themselves down 14-0, and the game plan they had going into the game had to be scrapped."

"In the Western game," said Frazier, "we tightened up and couldn't get the ball rolling. We weren't loose and weren't playing in the flow of the game. But in Saturday's game we played with intensity through the full 60 minutes."

Quarterback Rich Williams completed eight of 16 passes for 215 yards and three touchdowns through the air as tailbacks Tom Laughlin and Harold Noirfalise rushed for 118 and 81 yards, respectively.

"We are in a unique position this year in that we have two tailbacks in a

position to have 1,000 yard seasons," said Frazier. "The two tailbacks really compliments our offense."

Frazier said the Lions are just "game-by-game" now. As Southern establishes its game plan for Saturday's game, Frazier will encourage the team to improve, not going to try and repeat Saturday's game, but we are going to try to prove and build upon what we did against Fort Hays."

Southern will travel to Wayne State Saturday and take on the Wayne State team. Wayne is 1-7 overall, 1-4 in conference play.

"It's tough to play up in Wayne," said Frazier. "We are going to underestimate our opponent. It will be another chance to show we have improved."

## Southern ends season with victory

Coach Hal Bodon's soccer Lions ended their season Saturday with a 1-0 victory over Southwest Missouri State University in Springfield.

Missouri Southern did not qualify for the NAIA District 16 playoffs. Missouri Baptist claimed the fourth and final playoff berth.

Freshman Mark Christensen scored the game's only goal on an assist from Vince Beckett.

"Mark, in addition to scoring the game-winning goal," said Bodon, "also played well defensively. It was probably his best all-around game this season."

Goalie Rick Pierson recorded the shutout for the Lions in his final game for Southern. Pierson, a senior, had eight saves in posting his seventh shutout of the season.

"He made a number of spectacular saves to keep us in the game," said Bodon.

Southern had defeated the Bears 4-3 earlier this season in a tournament in St. Louis.

The Lions finished the 1983 season with a 12-6-1 record.



Williams photo

An opponent dribbles the ball upfield against the Lions.

## Swarengin, Jordan supply leadership

By Jonathan Richardson

Experience is a vital quality for any team. Missouri Southern's volleyball squad looked for this experience and leadership in its two seniors.

Both have helped Southern obtain winning records for the four years they have worn Southern's colors. Now, they share their thoughts about the school's volleyball program and their future plans.

Joanna Kay Swarengin, 21, a three year all conference and all district honoree, has been tagged by Coach Lipira as a "take charge" player.

Swarengin is working for a major in physical education and a certificate in psychology. After graduation, she will either seek a teaching job or attend graduate school.

"Volleyball means a lot to me," she

said. "I place it high up there with my education."

"I get emotionally involved and overly competitive to the point that I can't stand losing," she said.

Since her freshman year at Springfield's Central High School, she has competed in volleyball, track, and basketball. Swarengin participated in the junior Olympics and was instructed by coaches from the University of California at Los Angeles. They influenced her to continue her favorite sport in college.

Swarengin believes that collegiate competition has helped her mature.

"It makes you a more responsible person," she said. "It's like a job... involves dedication."

The "well-skilled, versatile" athlete also enjoys swimming, photography, horseback riding and teaching infants

to swim at the Olympic Fitness Center.

Nancy Lee Jordan, 21, has always enjoyed sports. "I'd play forever," she said.

Jordan participated in basketball, track, and volleyball at Parkwood High School in Joplin. She also plays for Southern's softball team in the spring.

Volleyball became a part of Jordan's life when she began junior high. She chose to continue this sport at college level because, "It's such a team sport. It takes a lot of skill and work."

Jordan thinks of her four volleyball seasons at Southern as a "real good learning experience."

"The level of competition has increased and it's been fun," she said.

The spiker also likes to camp and enjoys photography.

## Lady Lions working hard

Basketball season is just around the corner and the Lady Lions have been working hard in preparing for it.

Last Tuesday, the Lady Lions traveled to Neosho to clash against the Lady Roughriders. Three 20-minute periods were played, Southern being victorious in the first and third, and tying in the second.

New players in the program have just begun to adjust to Southern's type of play. Freshman forward LaDonna Wilson from Anderson hit seven of 12 shots from the field, and six of eight from the free throw line. She also had nine rebounds, four assists, three steals, and one blocked shot.

"She had an outstanding scrimmage," said coach Jim Phillips.

Renee Fields, a senior returning letterman from last year's team, "did well, too," said Phillips. Fields grabbed five rebounds, two steals, took a charge, and was three-for-five on the line.

Last Saturday the Lions played host to Fort Scott Community College. Two 20-minute periods and one 10-minute

period were played. Southern came out on top in all three.

Suzanne Sutton, a freshman from Southwest City, connected on five of seven shots from both the field and the free throw line. Sutton pulled 10 rebounds and had four assists, two steals, and one blocked shot.

Gwen Chandler, a junior from Oklahoma, had seven deflected passes, Southern recovering and scoring most of them. Chandler had six rebounds, five intercepted passes, steals, and three blocked shots that day.

The team shot 42 per cent that day. "I'm not pleased exactly that," Phillips said. "I'd like to shoot in the high 40's or low 50's. Our percentage has increased, though."

A designated starting five must exist this year in Southern's program, according to Phillips.

"I don't think we'll have starters as such. We're more than that. We have nine, possibly that could start," he said. "When a substitute, we'll be just as strong."

## Drury falls to Southern in

With a tight victory over Drury College last night in Robert Ellis Young Gymnasium, Missouri Southern's volleyball team completed its regular schedule.

The Lions won the match 11-15, 15-2, 15-17, 15-13, and 15-3. Southern, rated seventh by NAIA polls, is now 39-9-1 overall, and 18-6 in District 16 competition.

"It was a great match," said coach Pat Lipira. "Drury's defense was exceptional. I've never seen it like that before."

Lisa Cunningham racked up 15 digs, 31 assists, and 26 serve points. Lil Hawthorne had 18 digs and 13 kills. Other key players were Becky Gettemeyer with 28 service points, 12 kills, and six blocks; Nancy Jordan with 6 blocks; and Tina Roberts with 13 kills. Joanna Swarengin added 23 assists and nine kills.

Southern, 12-2, placed second in the Central States Intercollegiate Conference behind league champion Missouri Western, 13-1.

"We did it ourselves," said Lipira. "We can't sit and hope for a Western

loss). The key was losing to Kearney—which shouldn't have happened."

The Lady Lions had "really easy" action by sweeping the Washburn, Fort Hays State, and Wayne State last weekend.

Swarengin contributed 16 of 17 assists in beating Washburn. Cunningham had 23 serve points, Gettemeyer provided eight blocks.

Against Fort Hays, Gettemeyer with 16 serve points and eight kills, and Cunningham with 18 service points, 20 assists, and 18 digs.

The Lady Lions are seeded second in the eight-team District 16 tournament in St. Joseph this weekend. The pool includes third-seeded Drury, sixth-seeded Culver-School, and seventh-seeded School Ozarks.

"We are very confident," Lipira said. "Everyone is sure we have a chance of winning. The team will handle the pressure will with it."